

STIC Biotechnology Systems Branch

RAW SEQUENCE LISTING ERROR REPORT

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Application Serial Number: 10/549,352B
Source: IFWP
Date Processed by STIC: 2/1/07

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

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FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 4.4.0 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<http://www.uspto.gov/ebc/efs/downloads/documents.htm>), EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry, Federal Express, United Parcel Service, or other delivery service (EFFECTIVE 01/14/05):
U.S. Patent and Trademark Office, Mail Stop Sequence, Customer Window, Randolph Building, 401 Dulany Street, Alexandria, VA 22314

Revised 01/10/06



IFWP

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/549,352B

DATE: 02/01/2007

TIME: 12:22:39

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 4 PAIN, Jacqueline Ann Mary
 5 SHIPTON, Catherine Ann
 7 <120> TITLE OF INVENTION: Enhanced Accumulation of Carotenoids in Plants
 9 <130> FILE REFERENCE: 70237USPCT
 11 <140> CURRENT APPLICATION NUMBER: US 10/549,352B
 12 <141> CURRENT FILING DATE: 2005-09-14
 14 <150> PRIOR APPLICATION NUMBER: PCT/GB2004/001241
 15 <151> PRIOR FILING DATE: 2004-03-24
 17 <150> PRIOR APPLICATION NUMBER: US60/457,053
 18 <151> PRIOR FILING DATE: 2003-03-22
 20 <160> NUMBER OF SEQ ID NOS: 38
 22 <170> SOFTWARE: PatentIn version 3.2
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 25 <211> LENGTH: 5630
 26 <212> TYPE: DNA
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 31 <223> OTHER INFORMATION: Oryza sp.
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 46 <222> LOCATION: 2763-3016
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 59 <223> OTHER INFORMATION: Zea mays
 61 <220> FEATURE:
 62 <222> LOCATION: 5377-5630

see pp 1,4
Does Not Comply
Corrected Diskette Needed

entire sequence needs explanation;
therefore, what is the
source for nucleotides

840-862?

1053-1092?

2743-2762?

3017-3031?

3891-3893?

4084-4123?

5357-5376?

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70	acaatatcat gagtaatgtg tgagcattat gggaccacga aataaaaaga acattttgat	180
72	gagtcgtgta tcctcgatga gcctcaaaaag ttcttcacc ccggataaga aaccctaag	240
74	caatgtgcaa agttgcatt ctccactgac ataatgcaaataa agatatac atcgatgaca	300
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RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/549,352B

DATE: 02/01/2007
TIME: 12:22:39

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 274 <223> OTHER INFORMATION: Erwinia crtI
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 278 <223> OTHER INFORMATION: Agrobacterium tumefaciens
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what about nucleotides at locations
 840-862?
 1053-1092?
 2743-2762?
 3017-3031?
 3871-3893?
 4084-4123?
 5357-5376?

Please correct these
types of errors in
subsequent
sequences.

60
120
180
240
300
360
420
480
540
600
660
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413	aagataaaagg aaaatgtgttgcattt ctcgtttgttgcgtt atatgttgcattt ttgttgcatt	3540
415	aggagagctt ataagacaag gcatgactca caaaaattca ttgccttc gtgtcaaaaa	3600
417	gaggagggctt ttacattatc catgttcatat tgcaaaaagaa agagagaaaag aacaacacaa	3660
419	tgcgtgtca attatacata tctgtatgtc catcattattt catccaccc ttgtgttgcatt	3720
421	cacttcataat atcatgttgcactt accttcatttgcattt tggacattaa caaactctat ttgttgcatt	3780
423	agatgcacaa gccttatctt cactataat gcacgtatgtt ttctcatgtt ttctcaca	3840
425	aagcatttcgat ttcatttagtc ctacaacaaac gaattcggttccgcgggttac aggtaaattt	3900
427	tctatgtttt ctccttcatt ttcttgcgtt ggacccctttt ctctttttat ttgttgcatt	3960
429	tttgcattttt ctttaacttgc atctatgtttt taattgttgcgtt gttatgttgcgtt aaatattaca	4020
431	tagcttaac tgataatctg attactttat ttgcgtgtc ttgtatcatc ttgtatgttgc	4080

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/549,352B

DATE: 02/01/2007

TIME: 12:22:40

Input Set : F:\70237USPCT Substitute Seq List II.txt
Output Set: N:\CRF4\02012007\J549352B.raw